

**CONNECT ROUTER'S  
CONSOLE PORT WITH  
SERIAL PORT OF PC BY  
USING CONSOLE CABLE  
TAKE THE CONSOLE OF  
ROUTER.....**



OPEN HYPER TERMINAL OR PUTTY TO  
TAKE THE CONSOLE OF ROUTER

.....  
TYPE 'NO' AND 'RETURN' TO COME  
ON USER MODE FROM SETUP MODE

ACTUALLY A ROUTER HAVE SEVERAL  
MODES BUT BASICALLY IT HAVE  
THREE MODES..... NAME----

1- USER MODE

2- PRIVILEGE MODE

3- CONFIGURATION MODE

```
System Bootstrap, Version 12.1(3r)T2, RELEASE SOFTWARE (fc1)
Copyright (c) 2000 by cisco Systems, Inc.
Cisco 2620 (MPC860) processor (revision 0x200) with 253952K/8192K bytes of memor
y
Self decompressing the image :
##### [OK]

Restricted Rights Legend

Use, duplication, or disclosure by the Government is
subject to restrictions as set forth in subparagraph
(c) of the Commercial Computer Software - Restricted
Rights clause at FAR sec. 52.227-19 and subparagraph
(c) (1) (ii) of the Rights in Technical Data and Computer
Software clause at DFARS sec. 252.227-7013.

cisco Systems, Inc.
170 West Tasman Drive
San Jose, California 95134-1706

Cisco Internetwork Operating System Software
IOS (tm) C2600 Software (C2600-I-M), Version 12.2(28), RELEASE SOFTWARE (fc5)
Technical Support: http://www.cisco.com/techsupport
Copyright (c) 1986-2005 by cisco Systems, Inc.
Compiled Wed 27-Apr-04 19:01 by miwang

Cisco 2620 (MPC860) processor (revision 0x200) with 253952K/8192K bytes of memor
y
-
Processor board ID JAD05190MTZ (4292891495)
M860 processor: part number 0, mask 49
Bridging software.
X.25 software, Version 3.0.0.
1 FastEthernet/IEEE 802.3 interface(s)
32K bytes of non-volatile configuration memory.
63488K bytes of ATA CompactFlash (Read/Write)

--- System Configuration Dialog ---
Continue with configuration dialog? [yes/no]: NO

Press RETURN to get started!
```

ROUTER> ENABLE [IT IS USERMODE]

ROUTER# CONFIGURATION TERMINAL [IT IS PRIVILEGE MODE]

ROUTER(CONFIG)# [IT IS CONFIGURATION MODE]

TO EXIT FROM ANY MODE TYPE 'EXIT'

### TO CHANGE HOSTNAME

ROUTER(CONFIG)#HOSTNAME\$[ANY NAME]KING

### TO CHANGE ON DEFAULT HOSTNAME

KING(CONFIG)#NO\$HOSTNAME

```
Router>enable
Router#configure terminal
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#hostname KING
KING(config)#
KING(config)#
KING(config)#no hostname
Router(config)#
```

## TO SET BANNER ON ROUTER

ROUTER(CONFIG)#BANNER\$MOTD\$[ANY CHAR.]1  
TYPE MESSAGE AND AT THE END TYPE THAT CHAR.  
LIKE 1

## TO REMOVE BANNER FROM ROUTER

ROUTER(CONFIG)#NO\$BANNER\$MOTD

```
Router(config)#banner motd 1
Enter TEXT message. End with the character '1'.
hello welcome on CISCO Router 1
```

```
Router(config)#
```

```
Press RETURN to get started.
```

```
hello welcome on CISCO Router
```

```
Router>
```

## TO SET THE PASSWORD ON PRIVILEGE MODE

ROUTER(CONFIG)#ENABLE\$PASSWORD\$[password]1  
23

## TO REMOVE PASSWORD

ROUTER(CONFIG)#NO\$ENABLE\$PASSWORD

## TO CREATE SECRET PASSWORD

ROUTER(CONFIG)#ENABLE\$SECRET\$[password]123

## TO REMOVE SECRET

ROUTER(CONFIG)#NO\$ENABLE\$SECRET

```
Router(config)#enable password 123
Router(config)#enable secret 123
Router(config)#^Z
Router#
%SYS-5-CONFIG_I: Configured from console by console

Router#show run
Building configuration...

Current configuration : 413 bytes
!
version 12.2
no service timestamps log datetime msec
no service timestamps debug datetime msec
no service password-encryption
!
hostname Router
!
!
!
enable secret 5 $1$mERr$3HhIgmGBA/9qNmgzccuxv0
enable password 123
```